

In the Specification:

On page 1, after the title insert the following:

This is a U.S. national stage of application No. PCT/CH2005/000051, filed on 01 February 2005.

On page 1, line 3, delete the existing heading and insert the following heading:

FIELD OF THE INVENTION

On page 1, line 8, delete the existing heading and insert the following heading:

DISCUSSION OF THE RELATED ART

On page 3, line 17, delete the existing heading and insert the following heading:

SUMMARY OF THE INVENTION

On page 3, delete the paragraph beginning on line 18 through line 19 in its entirety.

On page 3, delete the paragraph beginning on line 21 through line 22 in its entirety.

On page 3, amend the paragraph beginning on line 24 through page 4, line 2 as follows:

The personal cooling element in accordance with one embodiment of the present invention comprises at least one cooling zone, wherein elastic means are provided to pre-tension the cooling zone against the body surface of a person wearing the personal cooling element. Due to the fact that the cooling zone is three-layered and has an internal layer facing towards the body, an external layer facing away from the body and an evaporation zone arranged therebetween, wherein the internal layer and the external layer each are made from material that is waterproof and permeable to water vapor, and wherein water supply means are present to supply the evaporation zone with liquid water, there results a personal cooling element that is compact, comfortable to wear, simply built and efficient.

On page 5, amend the paragraph beginning on line 1 as follows:

The personal cooling element in accordance with one embodiment of the present invention permits an efficient cooling of body parts and in this way can substantially improve the condition of the person wearing the personal cooling element. By virtue of the efficient cooling that is obtainable with simplest means, particularly MS patients can walk larger distances without a substantial loss of comfort and without pausing for exhaustion than without personal cooling element. In this way the quality of life of persons with certain conditions can be appreciably improved. On the other hand, the personal cooling element may also be used for performing certain athletic activities or work. In particular, the body's mechanism of cooling can be substituted or supplemented. In addition to water, which is a preferred coolant, it is also conceivable to use other water-based coolants such as a water alcohol mixture. In the present

context the terms "waterproof", "not permeable for water" and "permeable to water vapor" shall be understood, accordingly, as impermeable or not permeable for the liquid mixture and as permeable to vapors of said mixture.

On page 6, amend the paragraph beginning on line 4 as follows:

The method of cooling body parts ~~according to the~~ in accordance with one aspect of the present invention is characterized in that the personal cooling element is brought into close contact with the skin of a body part to be cooled and is pre-tensioned against the same, and then the evaporation zone of the cooling zone is supplied with water continuously or intermittently, i.e. on demand. In this way a cooling of the body part being in thermal contact with the cooling zone is easily achieved by exploiting the evaporation energy of water. The cooling effect sets on rapidly and its duration can be controlled by the amount of supplied water: as soon as all the cooling water has evaporated, the cooling effect stops. In this way the dry personal cooling element can be kept on with good comfort also in phases without need for cooling.

On page 6, delete line 16 in its entirety.

On page 8, line 9, delete the existing heading and insert the following heading:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS